

PHASING

PROJ. REFERENCE NO. 17BP.14.R.204	SHEET NO. TMP-2
TGS ENGINEERS 201 W. MARION ST., STE 200 SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275	

PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITY INSTALL ADVANCED WARNING SIGNS ON THE -L- ALIGNMENT (NC 116) IN ACCORDANCE WITH NCDOT RDY STA. 1101.01, SHEET 3 OF 3.

UNLESS OTHERWISE NOTED PROVIDE ACCESS TO ALL DRIVEWAYS AND SIDE STREET AT ALL TIMES IN THE PROJECT AREA.

UNLESS OTHERWISE NOTED TWO WAY TRAFFIC SHALL BE MAINTAINED ON TWO 11 FT (MIN) LANES AT ALL TIMES WHILE FLAGGERS ARE NOT AT WORK ON NC 116.

PHASE I

STEP 1 (TMP-3)

WITH NC 116 TRAFFIC IN EXISTING PATTERN AND USING NCDOT RDY STD 1101.02, SHEET 1 OF 14, CONSTRUCT THE FOLLOWING AS SHOWN ON PLANS UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE:

- L- FROM STA. 25+69± TO STA. 29+00±
- DR- FROM STA. 10+12± TO 13+55± (PLACE ONLY ABC BASE)

STEP 2 (TMP-4)

SHIFT -DR- TRAFFIC AS SHOWN ON PLANS

INSTALL TEMPORARY GUARDRAIL AS SHOWN ON PLANS.

INSTALL TEMPORARY SHORING AS SHOWN ON PLANS.

CONSTRUCT THE PROPOSED STRUCTURE FROM -L- STA. 23+71.00 TO -L- STA. 25+45.00.

CONSTRUCT APPROACHES, DRIVEWAYS AND TIE-INS TO EXISTING EDGE OF PAVEMENT IN WORK AREA AS SHOWN ON TMP-5, UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE. USE TEMPORARY LANE CLOSURES AND FLAGGERS IN ACCORDANCE TO NCDOT RDY STA 1101.02, SHEET 1 OF 14 AS NEEDED.

CONSTRUCT -DR- FROM STA 10+12± TO 13+55± AS SHOWN ON PLANS.
PLACE ONLY ABC BASE

STEP 3 (TMP-5)

REMOVE TEMPORARY GUARDRAIL AND SHORING.

USING TEMPORARY LANE CLOSURES AND FLAGGERS IN ACCORDANCE WITH NCDOT RDY STD 1101.02, SHEET 1 OF 14 PLACE TEMPORARY PAVEMENT MARKING AS SHOWN ON TMP-5.

TO ASSURE SMOOTH TRANSITIONS BETWEEN EXISTING AND NEW PAVEMENT WEDGE NC 116 PAVEMENT IF NEEDED. REMOVE EXISTING RAISED ISLAND ON -DR2- AND WEDGE PAVEMENT.

SHIFT NC 116 TRAFFIC ONTO THE NEW STRUCTURE AND NEW PAVEMENT AS SHOWN ON PLAN.

USING TEMPORARY LANE CLOSURES AND FLAGGERS IN ACCORDANCE TO NCDOT RDY STD 1101.02, SHEET 1 OF 14 WIDEN NC 116 UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE FROM -L- STA 31+00± TO 35+00±.
WEDGE EXISTING PAVEMENT AS NEEDED TO TRANSITION BETWEEN EXISTING AND NEW PAVEMENT.

PHASE 2

STEP 1 (TMP-6)

WITH TRAFFIC SHIFTED TO THE NEW ALIGNMENT, AND USING TEMPORARY LANE CLOSURES AND FLAGGERS IN ACCORDANCE TO NCDOT RDY STD 1101.02, SHEET 1 OF 14 CONSTRUCT THE FOLLOWING UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AS SHOWN ON PLAN:

- L- FROM STA. 17+00± TO STA. 21+67±
- L- FROM STA. 27+43± TO STA. 35+00±
- DR2- FROM STA. 10+35± TO STA. 11+16±

REPLACE/REVISE PAVEMENT MARKINGS AS SHOWN ON PLAN.
USING TEMPORARY PAVEMENT MARKINGS AND DRUMS DELINEATE THE PROPOSED CONCRETE ISLAND AT -DR2-

REMOVE THE EXISTING STRUCTURE AND PAVEMENT AS SHOWN ON PLANS

STEP 2 (TMP-7)

WITH NC 116 TRAFFIC IN ITS FINAL PATTERN USING TEMPORARY LANE CLOSURES AND FLAGGERS IN ACCORDANCE WITH NCDOT RDY STD 1101.02, SHEET 1 OF 14 PLACE THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS:

- L- FROM STA. 17+00.00 STA. 23+71.00 (BEGIN BRIDGE)
- L- FROM STA. 25+45.00 (END BRIDGE) TO STA. 35+00.00
- DR- FROM STA. 10+12.00 TO STA. 13+55.00
- DR2- FROM STA. 10+35.00 TO 11+39.82

PLACE MONOLITHIC CONCRETE ISLAND ON -DR2-

USING TEMPORARY LANE CLOSURES AND FLAGGERS IN ACCORDANCE WITH NCDOT RDY STD 1101.02, SHEET 1 OF 14 PLACE FINAL PAVEMENT MARKINGS AS SHOWN IN PAVEMENT MARKING PLAN.

REMOVE ALL TRAFFIC CONTROL DEVICES AND OPEN ALL ROADS TO TRAFFIC.

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User:smelvin

APPROVED: DATE: 10/25/2023			<h2 style="margin: 0;">PHASING</h2>
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			